Under the I	Paperwork Reduction	n Act of 1995, no persons are required to r	U.S. Patent and Trade	mark Office. U.	S. DEPARTM	ENT OF COMM OMB control nu	ERCE	
		ILITY	Attorney Docket No.	3994994-13				
PATENT APPLICATION			First Inventor	SEABA, James P.				
TRANSMITTAL			Title	Micro Component Liquid				
(Only for I	new nonprovisional e	pplications under 37 CFR 1.53(b))	Express Mail Label No. EV342098471US					
See MPEP		ON ELEMENTS ing utility patent application contents.	ADDRESS TO:	Commission P.O. Box 145	tent Application er for Patents i0 A 22313-1450			
(Submi) 2. Applic See 3 3. Specif (prefer - Description or a c - Back, - Brief - Detai - Claim - Abstr  4. Drawii  5. Oath or Declai a. Ne b. Co (for	ant claims small ef CFR 1.27. ication red arrangement set riptive title of the inverse Reference to Relatment Regarding Federece to sequence lisomputer program lisit ground of the Inventi Summary of the Inventi Summary of the Inventi Summary of the Disconption (s) act of the Disclosure ang(s) (35 U.S.C. 1 claration why executed (original program a prior approximation approximation and in the prior application of the Disclosure and the prior application of the Disclosure and the prior application of the Disclosure application of the Disclosu	ITotal Pages 23 ] forth below) Intity status.  [Total Pages 23 ] forth below) Intition Id Applications Is sponsored R & D Iting, a table, Iting appendix Intition Intition Intition Iting awings (if filed)  ITotal Sheets 6 ] I [Total Sheets ] Intition or copy) Intition of the complete of the complete of the copy of the complete o	i. CD- ii. Pap c. Statemer  ACCOMPAN  9. Assignment F 10. 37 CFR 3.73( (when there is 12. Information D Statement (ID 13. Preliminary A 14. Return Recei (Should be sp 15. Certified Cop (if foreign pric Nonpublicatio (b)(2)(B)(i). A or its equivale Other:	gram (Appendiamino Acid Secessary)  r Readable Fortion Sequence -ROM or CD- per  Ints verifying ic YING APP  Papers (cover (b) Statement is an assigned station Documplisclosure DS)/PTO-1449 Immendment pt Postcard (I pecifically item y of Priority is claimed on Request un pplicant must pent.	dentity of above the control of the	ove copies N PARTS  December of the copies of IDS Citations  C. 122 PTO/SB/35	17548 U.S. PTO 10/689246	
	nformation: ION OF DIVISIONA	Examiner Basia Ridley  L APPS only; The entire disclosure of the	Art Ur		declaration is	supplied unde	г Вох	
5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.								
		19. CORRESPON	IDENCE ADDRESS					
Customer Number:  OR Correspondence address below								
Name	Edwin M. Barano	wski						
Address	Porter Wright Morris & Arthur LLP .							
	41 South High St	reet	State		7in Codo	T.		
Country	Columbus		State OH		Zip Code	43215		
Country	USA		Telephone 614/227-2188		Fax	614/227-2100		

This collection of information is required by 37 CFR 1.53(b). The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Registration No. (Attorney/Agent) 27,482

Date

October 20, 2003

Name (Print/Type) Edwin M. Baranowski

Signature

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

TO/SB/17	(01-03)
Approved for use through 04/30/2003, QMB 06	51-0032
Detection of the contract of t	

	n Act of	1995, no persons are required to respond	to a collection of information unless it displays a valid OMB control number			
FEE TRAN	SMITTAL	Complete if Known				
for FY	2003	Application Number				
Effective 01/01/2003 . Patent fees	are subject to annual revision.	Filing Date				
		First Named Inventor	SEABA, James P.			
☐ Applicant claims small entity status. See 37 CFR 1.27		Examiner Name	Basia Ridley			
		Art Unit	1764			
TOTAL AMOUNT OF PAYMENT	(\$) 750	Attorney Docket No.	3994994-131917			
METHOD OF DAVMENT (-4	and all that analy	SEE CALCULATION (continued)				

TOTAL AMOUNT OF PATHLETT		Attorney Docket No. 3554554-131617					
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)					
☐ Check ☐ Check card ☐ Money ☐ Other ☐ None	2 1	3. ADDITIONAL FEES					
Order Deposit Account:				Entity			
Deposit			Smail Entity Fee Fee			Fee	
Account Number 16-2326	Fee Cod		Code	(\$)	Fee Description	Paid	
Deposit Account Name Porter Wright Morris & Arthur LLP	10:	51 130	2051	65	Surcharge - late filing fee or oath		
The Commissioner is authorized to: (check all that apply)	1				Surcharge - late provisional filing fee or		
Charge fee(s) indicated below .   Credit any overpayments	10		2052	25	cover sheet		
	. 10:	53 130	1053	130	Non-English specification  For filing a request for ex parte		
Charge any additional fee(s) during the pendency of this application	18	2,520	1812	2,520	reexamination		
☐ Charge feels) indicated below, except for the filling fee to the above-identified deposit account.	180	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
FEE CALCULATION	180	)5 1,840°	1805	1,840*	Requesting publication of SIR after Examiner action		
1. BASIC FILING FEE	12	51 110	2251	55	Extension for reply within first month		
Large Entity Small Entity	12	52 410	2252	205	Extension for reply within second month		
Fee Fee Fee Fee Fee Code (\$) Code (\$) Fee Description Paid	12	53 930	2253	465	Extension for reply within third month	·	
1001 750 2001 375 Utility filing fee 750	125	54 1,450	2254	725	Extension for reply within fourth month		
1002 330 2002 165 Design filing fee	12	55 1,970	2255	985	Extension for reply within fifth month		
1003 520 2003 260 Plant filing fee	140	)1 320	2401	160	Notice of Appeal		
1004 750 2004 375 Reissue filing fee	140	2 320	2402	160	Filing a brief in support of an appeal		
1005 160 2005 80 Provisional filing fee	140	3 280	2403	140	Request for oral hearing		
SUBTOTAL (1) (\$) 750	145	51 1,510	1451	1,510	Petition to institute a public use proceeding		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	14	52 110	2452	55	Petition to revive - unavoidable		
Extra Fee from Fee Claims below Paid	145	3 1,300	2453	650	Petition to revive - unintentional		
Total Claims 12 -20** = X =	150	1,300	2501	650	Utility issue fee (or reissue)		
Independent Claims	150	2 470	2502	235	Design issue fee		
Multiple Dependent x =		3 630	2503	315	Plant issue fee		
	140	130	1460	130	Petitions to the Commissioner	i i	
Large Entity Small Entity	180	7 50	1807	50	Processing fee under 37 CFR 1.17(c)		
Fee Fee Fee Code (\$) Code (\$) Fee Description	180	6 180	1806	180	Submission of Information Disclosure Stmt		
1202 18 2202 9 Claims in excess of 20	80:		8021	40	Recording each patent assignment per property (times number of properties)		
1201 84 2201 42 Independent claims in excess of 3	180		2809	375	Filing a submission after final rejection(37 CFR 1.129(a))		
1203 280 2203 140 Multiple dependent claim, if not paid	18		2810	375	For each additional invention to be examined (37 CFR 1.129(b))		
** Reissue independent claims							
1204 84 2204 42 over original patent ** Reissue claims in excess of 20	180	)1 750	2801	375	Request for Continued Examination (RCE) Request for expedited examination of a		
1205 18 2205 9 and over original patent	180	900	1802	900	design application	·	
	_ Othe	r fee (specify)			•		
SUBTOTAL (2) (\$) 750	_     "				·		
** or number previously pad, if greater; For Reissues, see above	* Red	duced by Bas	ic Filing Fe	e Paid	SUBTOTAL (3) (\$)		

SUBMITTED BY				(Complete (if applicable)		
Name (Print/Type)	Edwin M. Baranowski	Registration No. (Attorney/Agent)	27,482	Telephone 614/227-2188		
Signature	El M. Paml.			Date	October 20, 2003	

WARNING: Information on this form may become public. Credit card information should not be included on this form, Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DO OMBUS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.